

58815. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Trujillo, Peru. Tubers presented by A. Martin Lynch. Received March 15, 1924.

These are considered the standard variety for northern Peru. They appear to be drought resistant. (Lynch.)

The yellow-fleshed potato is one of the most interesting varieties found in the Andean Region, home of many remarkable potatoes. The tubers are rather small and have deep eyes, so that they are not as easily prepared for the table as some other varieties; but in point of quality they yield to none that I have tasted. The flesh is the color of American butter and has a rich, nutty flavor suggesting that of the chestnut. It seems to me the variety might be improved, so as to do away with the objectionable deep eyes, and it would then be worth extensive cultivation. (Wilson Popence, Bureau of Plant Industry.)

For previous introduction, see S. P. I. No. 56863.

58816. ZEA MAYS L. Poaceae. Corn.

From Addis Ababa, Abyssinia. Seeds collected by H. V. Harlan, Bureau of Plant Industry. Received February 26, 1924.

(No. 336. November 17, 1923.) Purchased in the market. (Harlan.)

58817 to 58839.

From Yunnan, China. Seeds collected by J. F. Rock, National Geographic Society, Washington, D. C. Received March 15, 1924. Notes by Mr. Rock.

58817. ACER sp. Aceraceae. Maple.

(No. 11402. November, 1923.) A tree 60 to 80 feet tall, with a large crown and a trunk about 3 feet in diameter, which grows along watercourses at the foot of the Likiang Snow Range at an altitude of about 9,000 feet.

58818. BENZOIN sp. (Lindera sp.). Lauraceae.

(No. 11384. Champutong. November, 1923.) A tree 25 feet high from the Salwin Valley, Tibetan border, at 8,000 feet altitude. The oval, acute, pubescent leaves are brown beneath, and the red ovoid fruits are fragrant. This is similar to the Tengyueh species (S. P. I. No. 36292).

58819. CASTANOPSIS sp. Fagaceae.

(No. 11491. Lautschunshan. November, 1923.) A tree about 50 feet tall, which grows in forests at 8,000 feet altitude. The leathery, serrate leaves are oblong and acuminate, and the small nuts are in thick spikes.

58820. COTONEASTER sp. Malaceae.

(No. 11360. Karila. December, 1923.) A shrub or small tree, about 20 feet high, growing in a deciduous forest at 12,000 feet altitude. It has small, oval leaves and black fruits.

58821. COTONEASTER sp. Malaceae.

(No. 11481. November, 1923.) A shrub about 5 feet high from the drier slopes of the Likiang Snow Range at an altitude of about 10,000 feet. It has small, oval leaves, pale beneath, and globose, scarlet fruits.

58822. ERIOBOTRYA sp. Malaceae.

(No. 11451. Sungkwe. November, 1923.) An attractive shrub 4 feet high, found in rather dry places at 8,000 feet altitude. It has pale-green, roundish, serrate leaves and corymbs of carmine fruits.

58823. EUONYMUS sp. Celastraceae.

(No. 11394. Ganhaizte. November, 1923.) A tree about 40 feet high, from the eastern slopes of the Likiang Snow Range, where it grows at an altitude of 10,000 feet. The leaves are rich green, and the pink fruits, with dark-red seeds, are in large umbels.

58817 to 58839—Continued.**58824. JUNIPERUS sp. Pinaceae. Juniper.**

(No. 11353. November, 1923.) A tree 50 feet tall, with dark-green branches, which covers the eastern slopes of Peimashan at altitudes of 13,000 to 15,000 feet on the Yangtze-Mekong Divide. The glaucous fruits are deep bluish black.

58825. JUNIPERUS sp. Pinaceae. Juniper.

(No. 11475. November, 1923.) A shrub 8 feet high which grows in rocky limestone soil opposite the Likiang Snow Range at an altitude of about 9,000 feet. It has globose, orange-red fruits.

58826. MAGNOLIA sp. Magnoliaceae.

(No. 11215. Mount Kenichunpu. October, 1923.) A tree 30 feet high, from the Salwin-Irrawaddy Divide, where it grows at an altitude of 12,000 feet. It has large white flowers and very large leaves, 1 or 2 feet long and a foot broad, glaucous beneath.

58827. MAGNOLIA sp. Magnoliaceae.

(No. 11232. Mount Kenichunpu. October, 1923.) A very ornamental tree 35 feet high which grows at an altitude of 11,600 feet on the Salwin-Irrawaddy Divide, Tibetan border. It has small, oval, smooth leaves and large white flowers.

58828. MALUS YUNNANENSIS (Franch.) C. Schneid. (Pyrus yunnanensis Franch.). Malaceae.

(No. 11398. Ganhaizte. November, 1923.) A very attractive tree about 25 feet high, which grows in forests at an altitude of 11,000 feet. It has yellowish red fruits the size of cherries and large, crenate, hairy leaves.

58829. NOMOCHARIS PARDANTHINA Franch. Liliaceae.

(No. 10249. Champutong. October, 1923.) A beautiful liliaceous plant about 3 feet high, which grows on grassy slopes on the outskirts of forests in the Salwin Valley, at an altitude of about 9,000 feet. The leaves are ternate and the large flowers, white, pink, purple, or red, with deep irregular purple blotches, have salver-shaped corollas.

58830. OSMANTHUS sp. Oleaceae.

(No. 11444. November, 1923.) An exceedingly handsome shrub about 4 feet in height from an altitude of 10,000 feet on the Likiang Snow Range. It has small, oval, serrate leaves, numerous cream-colored flowers, and ovoid, blue-black fruits.

58831. PHOTINIA sp. Malaceae.

(No. 11479. Saba. November, 1923.) A small tree, 10 feet in height, growing in a forest on the Likiang Snow Range at 11,000 feet altitude. The oblong, glossy leaves have red midribs and petioles. The flowers are white and the rich-crimson fruits are in large corymbs.

58832. PRUNUS sp. Amygdalaceae. Cherry.

(No. 11221. Champutong. October, 1923.) A red-flowered tree 15 feet high, from an altitude of about 13,000 feet in the Salwin Valley. The fruits are ovoid and red.

58833. PRUNUS sp. Amygdalaceae. Cherry.

(No. 11237. Mount Kenichunpu. October, 1923.) A dwarf cherry which grows as a shrub 4 feet high at an altitude of about 13,000 feet on the Salwin-Irrawaddy Divide, Tibetan border. It has oval, serrate leaves, red flowers, and ovoid black fruits.

58834. PYRUS sp. Malaceae. Pear.

(No. 11480. November, 1923.) A tree 20 feet high, found along stream beds at the foot of and on the slopes of the Likiang Snow Range at about 10,000 feet altitude. It is a handsome species, with large crenate leaves white-tomentose beneath, white flowers, and yellowish red fruits the size of a cherry.